

SECRET

NOFORN

MISSION FLIGHT DATA LOG

S P E C I A L H A N D L I N G R E Q U I R E D

MISSION NO. GRC-153

TOT 02/2202Z

DATE 03 June 1963

TOL 03/0610Z

CHECKPOINT OR EVENT	TIME	ELAPSED TIME	COMMENT
SYSTEMS 3 & 6 ON	2202Z		
SYSTEM 12 ON	2204Z		
AC GENERATOR ON	2204Z		
SYSTEM 9 ON	2212Z		
SYSTEM 9 & 12 OFF	0545Z		
AC GENERATOR OFF	0545Z		
SYSTEMS 3 & 6 OFF	0610Z		

SECRET

SECRET

SECRET

SYSTEM III MISSION DATA

NOFORN

S P E C I A L H A N D L I N G R E Q U I R E D

1. DATE OF MISSION..... 03 JUNE 1963

2. MISSION NUMBER..... ORC-153

3. SYSTEM SERIAL NUMBER..... 14

4. RECORDER SERIAL NUMBER..... 728

5. AIRCRAFT NUMBER..... 225

6. TOTAL ELAPSED AC ON TIME..... 7 HR 41 MIN

7. PREFLIGHT SENSITIVITY CHECK ATTACHED.... YES

8. PREFLIGHT REMARKS: 0000

9. RAMP CHECK IDENTIFICATION:

RCVR B BAND 3 114MC <u>70</u>	RCVR A BAND 1 102MC <u>X</u>	RCVR C BAND 2 108MC <u>X</u>
RCVR B BAND 5 125MC <u>60</u>	RCVR A BAND 7 136MC <u>75</u>	RCVR C BAND 4 119MC <u>60</u>
RCVR B BAND 8 142MC <u>80</u>	RCVR A BAND 9 147MC <u>80</u>	RCVR C BAND 6 130MC <u>70</u>

10. POST FLIGHT SPOT CHECK OF INDIVIDUAL RECEIVER PERFORMANCE:

RCVR B BAND 3 114MC <u>60</u>	RCVR A BAND 1 102MC <u>X</u>	RCVR C BAND 2 108MC <u>X</u>
RCVR B BAND 5 125MC <u>60</u>	RCVR A BAND 7 136MC <u>70</u>	RCVR C BAND 4 119MC <u>70</u>
RCVR B BAND 8 142MC <u>70</u>	RCVR A BAND 9 147MC <u>70</u>	RCVR C BAND 6 130MC <u>70</u>

11. COMMENTS:

0000

GS/REL
SIGNATURE

SECRET

SECRET

SYSTEM III MISSION PREFLIGHT DATA

NOFORN

Approved For Release 2000/08/23 : CIA-RDP66B00664R000200190018-0

MISSION NUMBER CRC-153

RECEIVER NUMBER 14

TOTAL BENCH TIME ONE HOUR

DATE 02 JUNE 1963

REMARKS:

3.5 V RECORDER SATURATION
 0.5 V AUDIO AT PEAK
 6.0 V MARKER PULSES
 15 SEC LOCKON
 BANDS 1 & 2 DISABLED

25X1C

RESPONSE AND SENSITIVITY

BAND	RECEIVER	FREQUENCY	SENSITIVITY	NOTES
1	A	100.0	DISABLED	
		102.8	DISABLED	
		105.6	DISABLED	
2	C	105.6	DISABLED	
		108.4	DISABLED	
		111.2	DISABLED	
3	B	111.2	70	
		114.0	50	
		116.8	70	
4	C	116.8	55	
		119.6	60	
		122.4	68	
5	B	122.4	70	
		125.2	57	
		128.0	65	
6	C	128.0	60	
		130.8	55	
		133.6	55	
7	A	133.6	80	
		136.4	60	
		139.2	60	
8	B	139.2	70	
		142.0	58	
		144.8	55	
9	A	144.8	70	
		147.6	60	
		150.4	65	

SECRET

SECRET

S P E C I A L H A N D L I N G R E Q U I R E D

Approved For Release 2000/08/23 : CIA-RDP66B00664R000200190018-0

NOFORN

S Y S T E M VI MISSION PREFLIGHT DATA

1. Date of mission: 03 JUNE 1963 Mission number GRC-153 A/C number 355
 Date of preflight: 02 JUNE 1963

25X1C

2. Technical Data:

	P BAND	L BAND		S BAND		X BAND		
		Left	Right		Left	Right		Left
Noise.....MV	<u>50</u>	<u>100</u>	<u>100</u>	<u>50</u>	<u>50</u>	<u>150</u>	<u>150</u>	
Tangential Sensitivity, Preflight.....-DBM	<u>73</u>	<u>54</u>	<u>55</u>	<u>45</u>	<u>45</u>	<u>59</u>	<u>60</u>	
Tangential Sensitivity, Postflight.....-DBM	<u>70</u>	<u>52</u>	<u>52</u>	<u>46</u>	<u>46</u>	<u>60</u>	<u>59</u>	
Maximum Output)...VOLTS At Saturation)....-DBM	<u>18</u>	<u>10</u>	<u>10</u>	<u>15</u>	<u>15</u>	<u>5</u>	<u>5</u>	
	<u>37</u>	<u>34</u>	<u>33</u>	<u>0</u>	<u>0</u>	<u>37</u>	<u>38</u>	
Calibration Signal.-DBM	<u>63</u>	<u>44</u>		<u>35</u>		<u>49</u>		
Filter Assembly		<u>300</u>	MC to <u>2</u> KMC		<u>2</u> KMC to <u>8</u> KMC			
Antenna Indexed	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	
Information Amplifier #	<u>22</u>	<u>27</u>		<u>10</u>		<u>2</u>		
Rambo Amplifier	# <u>1001</u>	signal generator test setting						
HRB PREAMPLIFIER	# <u>1002</u>							
HRB POWER SUPPLY	# <u>2</u>	a. P Band: 150 MC, 1000 PPS, 5 Usec pulse b. L Band: 750 MC, 1500 PPS, 5 Usec pulse c. S Band: 3.2 KMC, 1000 PPS, 5 Usec pulse d. X Band: 10.5 KMC, 1500 PPS, 5 Usec pulse						

Master Recorder.....# 849 (Track 1: X Band & Sys XII Raw Video;
746 (Track 2: Sys XII unblanking; Track 3: S Band)

Slave Recorder.....# (Track 1: P Band; Track 3: L Band)

Information Amplifier Power Supplies.# 117 and # 102

Control Box.....# 115

Junction Box.....# 111

Timing Unit(30 seconds),.....# 104

3. Check list:

- a. 1 KC and 3 KC tones present on track 2 of slave recorder in left position of antenna selector switch OK.
- b. 1 KC and 3 KC tones present on track 2 of master recorder in left position of antenna selector switch OK.
- c. Timer switching frequency OK.

4. Flight clearance: Hatch hookup OK Systems junction box circuit breakers OK

SECRET

Approved For Release 2000/08/23 : CIA-RDP66B00664R000200190018-0